

Checkpointing and Restart

NAS systems do not have an automatic checkpoint capability made available by the operating system. For jobs that need a lot of resources, a long wall-clock time, or both, be sure to implement a checkpoint/restart capability in your source code or job script.

PBS automatically restarts unfinished jobs after system crashes. If you do not want PBS to restart your job, add the following line in your PBS script:

```
#PBS -r n
```

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Running Jobs with PBS -> Optimizing/Troubleshooting -> Maximizing Use of Resources -> Checkpointing and Restart

<https://www.nas.nasa.gov/hecc/support/kb/entry/177/>